

NATHANIEL WANNER

Project Manager

PANDEY Environmental, LLC
673 Mohawk Street
Suite 300
Columbus, Ohio 43206

EDUCATION:

Ohio University, Athens, Ohio

Bachelor of Science in Geological Sciences: Water Resources, 1998

SPECIALIZED TRAINING/ PROFESSIONAL AFFILIATIONS:

36 Hour US Army Corps of Engineers Wetland Delineation Training

40 Hour OSHA HAZWOPER Training

36 Hour Ohio Underground Storage Tank Installer Training

40 Hour Asbestos Training (Inspector/Management Planner)

CAREER HIGHLIGHTS/ACCOMPLISHMENTS

- Worked on eleven sites which subsequently received Covenants Not to Sue under the Ohio Voluntary Action Program (VAP). Work included Phase I and II Environmental Site Assessments, RCRA closures, underground storage tank removal, risk assessment, demonstration of background levels, contaminant transport modeling and site specific remediation.
- Prepared successful environmental assessment and cleanup grant applications totaling \$5.8 million through Clean Ohio Revitalization Fund and US EPA Brownfield programs.
- Completed or supervised over 200 Phase I environmental site assessments following ASTM and/or VAP guidelines.
- Completed over 55 Phase II environmental site assessments.
- Removal of dozens of Underground Storage Tanks and associated testing for environmental contamination.
- Management of multiple award task order contracts, including three US EPA Brownfield Assessment Grants and one contract with the US Navy.
- Investigation and remediation of petroleum releases, including investigation of 73 heating oil UST sites in a Marine Corps housing facility.
- RCRA Closure procedures on multiple sites that had not gone through the proper proceedings. Proper closure of these sites reduced liability and made the sites eligible for the Ohio Voluntary Action Program.

- Completed a Federal Environmental Impact Study on a property in rural Ohio. Completion of this assessment made the property eligible for HUD's Community Development Block Grant and helped bring a major distribution center to the area with over 100 new jobs.
- Managed excavation and disposal of over 8,000 tons of contaminated soil at a former rail yard contaminated with Arsenic, PAHs and petroleum compounds.
- Geo-statistical analysis of groundwater quality in post-closure monitoring of a solid waste landfill
- Watershed characterizations
- Statistical determination of background levels on a site with arsenic levels exceeding regulatory guidelines. Successfully demonstrated that these levels were naturally occurring and not a result of activities on the site, thus negating the need for risk assessment and costly cleanup.
- Preparation of gravel mining and mulch permit applications

PROFESSIONAL EXPERIENCE

8/06 to present

Project Manager, PANDEY Environmental, LLC

Mr. Wanner joined PANDEY Environmental, LLC in August, 2006. Current responsibilities include management of a wide variety of projects including Clean Ohio Revitalization Fund and Clean Ohio Assistance Fund Site Assessments, VAP and ASTM Phase I and Phase II Site Assessments, Human Health Risk Assessments, Fate and Transport Modeling, Soil Vapor Extraction System Design and Implementation, Landfill Gas Monitoring and Abatement, Groundwater Monitoring System Design and Monitoring, Inspection and Facility Compliance and Environmental Audit Reports, Quality Assurance Project Plans, Health and Safety Plans, Sampling and Analysis Plans, Groundwater Modeling and Natural Attenuation Projects, State of Ohio Brownfield Remediation and Redevelopment Projects. He also assists with sales and marketing activities. Additional responsibilities include training and management of employees, negotiating and approving subcontractor services and associated fees, and technological services.

8/00 to 8/06

Teacher/Administrator; St. David's School; Raleigh, NC.

Mr. Wanner was responsible for rebuilding and managing all aspects of a computer network of nearly 200 computers across seven buildings at a secondary school, including database design and maintenance. He also performed administrative duties, created all class schedules, and taught courses in science, computer and CADD.

3/98 to 8/00

Hydrogeologist, Smalley & Associates, Inc.

Conducted a variety of environmental site assessments in many different capacities, including project supervision and computer modeling. Experience included work on several Ohio VAP Phase I and II ESAs.

PUBLICATIONS

- Stoertz, M W, Hughes, M L, Wanner, N S and Farley, M E, 2001. Long-term water quality trends at a sealed, partially flooded underground mine, *Environmental and Engineering Geoscience*, 7(1):51-65
- Stoertz, M.W., M.L. Hughes, N.S. Wanner, and M.E. Farley, 1999. Hydraulic sealing of an abandoned up-dip drift mine for AMD treatment: an 18-year post-audit. *Proceedings of the 20th annual West Virginia Surface Mine Drainage Task Force Symposium*.
- Stoertz, M.W., M.L. Hughes, N.S. Wanner, and M.E. Farley, Geochemical changes in acid mine drainage due to hydraulic sealing of a coal mine, *Abstract AGU 1999 Spring Meeting*
- Stoertz, M.W., M.L. Hughes, and N.S. Wanner, Long-term decrease in acid mine drainage from a sealed above-drainage coal mine, *Invited abstract GSA 1999 National Meeting, Denver, CO*.

ENGINEERING & MODELING SOFTWARE

Proficient with a wide range of environmental modeling software including SESOIL, Aquifer Test, ESRI ArcMap, Visual MODFLOW, AqTeSolv; advanced knowledge of Microsoft Excel, Microsoft Access and AutoCAD.

Sally Betz
Environmental Scientist

PANDEY Environmental, LLC
673 Mohawk Street
Suite 300
Columbus, Ohio 43206

EDUCATION:

The University of Toledo, Toledo, Ohio
Bachelor of Science, Major in Environmental Sciences, 2006
Graduated Magna Cum Laude, GPA: 3.673/4.0

PROFESSIONAL EXPERIENCE:

8/09 – Present Environmental Scientist, PANDEY Environmental, LLC

Duties include conducting ASTM E1527-05 and VAP/Clean Ohio Phase I and II Property assessments, various environmental sampling, and supervising subcontractors utilized for site investigation and remediation activities.

5/07 – 8/09 Environmental Project Manager, EMG

Duties included Phase I Site Assessments and various environmental sampling. Phase I experience included: retail/commercial structures, office buildings, housing/multi-family properties, industrial warehouses, healthcare/assisted living facilities, financial institutions, gasoline service stations and vacant property. Prepared written reports based on the findings of the site assessments.

2/06 – 12/06 Research Assistant, The University of Toledo

Responsible for collection of field data for a grant funded carbon cycle study, including ground cover, forest litter, coarse roots and coarse woody debris sampling. Processed field data, including sorting, weighing, and computer entry. Led field team to collect coarse roots: set up 50 meter transect at determined angle, dug 1 meter soil pits, collected and sorted roots. Operated Canopy Car to measure photosynthesis and water potential of leaves throughout forest canopy. Responsible for using the Li-Cor 6400 Portable Photosynthesis System. Used the CHNS/O Analyzer 2400 Series II.

9/03 – 12/05 Intern, The Nature Conservancy

Assisted in the restoration of black oak savannah and wet prairie habitat. Responsible for seed collection, cleaning, and planting. Used restoration techniques of selective cutting and mowing. Aided in the removal of invasive species using herbicides.

CAREER HIGHLIGHTS/ACCOMPLISHMENTS:

Completed over 100 Phase I Site Assessments.

Outstanding Student of the Earth, Ecological, and Environmental Sciences Department,
2006

Member of the Golden Key International Honors Society

Recipient of the Jeffrey A. Black Scholarship, 2005-2006; the C.V. Wolf Scholarship,
2004-2005; The University of Toledo's Blue and Gold Scholarship.

ENGINEERING AND MODELING SOFTWARE:

Microsoft Office (including Word, Outlook, Excel, PowerPoint).